# Effective training and use of RGB satellite products for Forecasters

Available online resources

Resources available

- Real time Meteosat geostationary RGB products

- Chris Down / Kevin Su experimental pages – superimposing MODIS RGB products on hourly Geostationary images etc. (Bureau only)

- Case studies selected from EUMETSAT and JMA Image Libraries. Suitable case studies for training to be linked to Melbourne CoE VLab page

- A very useful and detailed COMET training module.

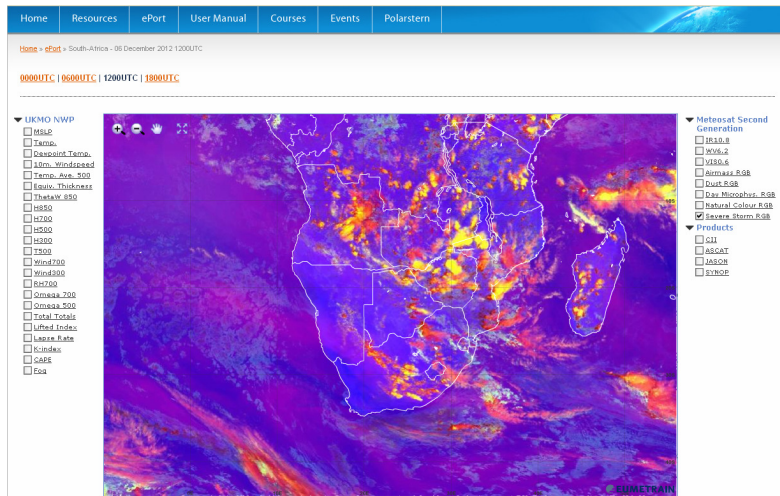## Real Time Geostationary RGB products from Eumetsat
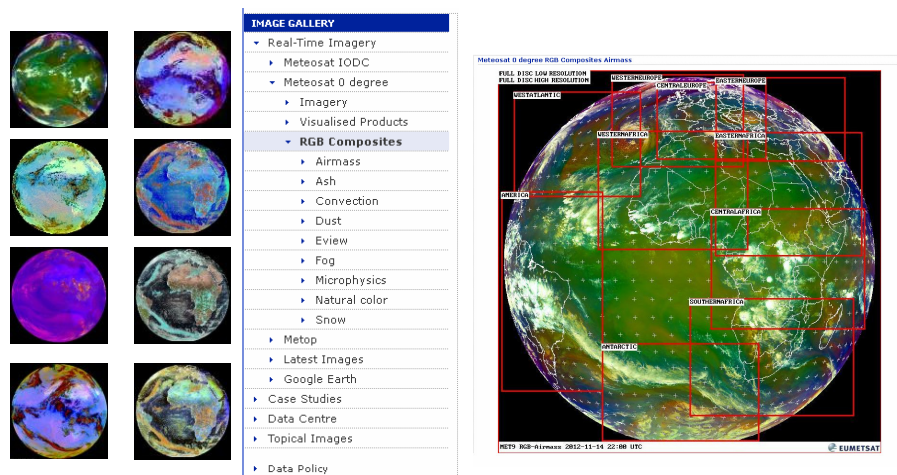
from http://oiswww.eumetsat.org/IPPS/html/MSG/RGB/

Real Time Geostationary RGB products from Eumetsat – the ePort

from http://eumetrain.org/eport.html

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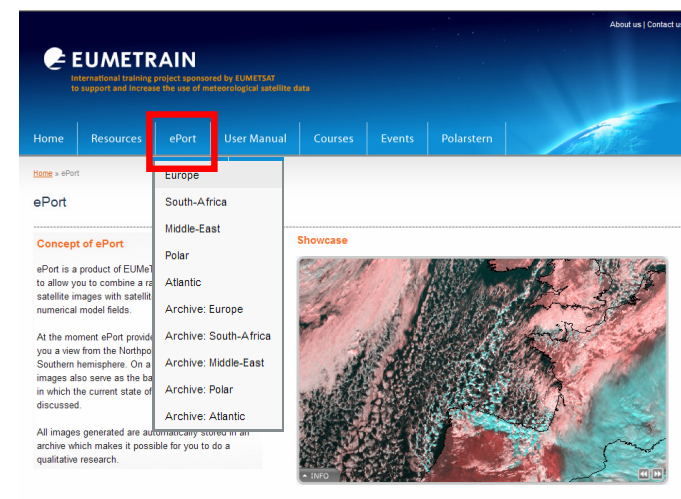
We have started to develop a visualisation tool similar to SATREP online (designed by Christopher Down, Chen Hsu Su).

Australian Government
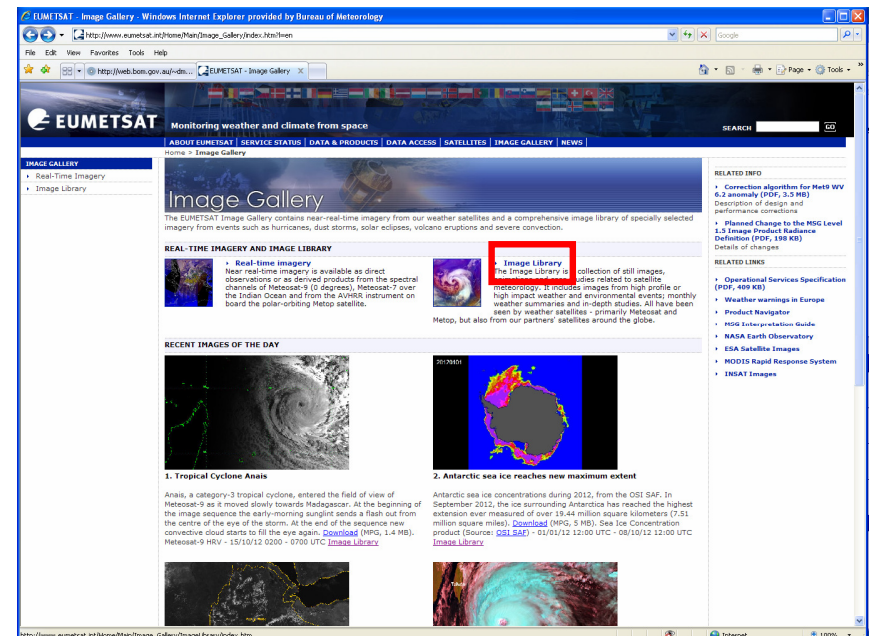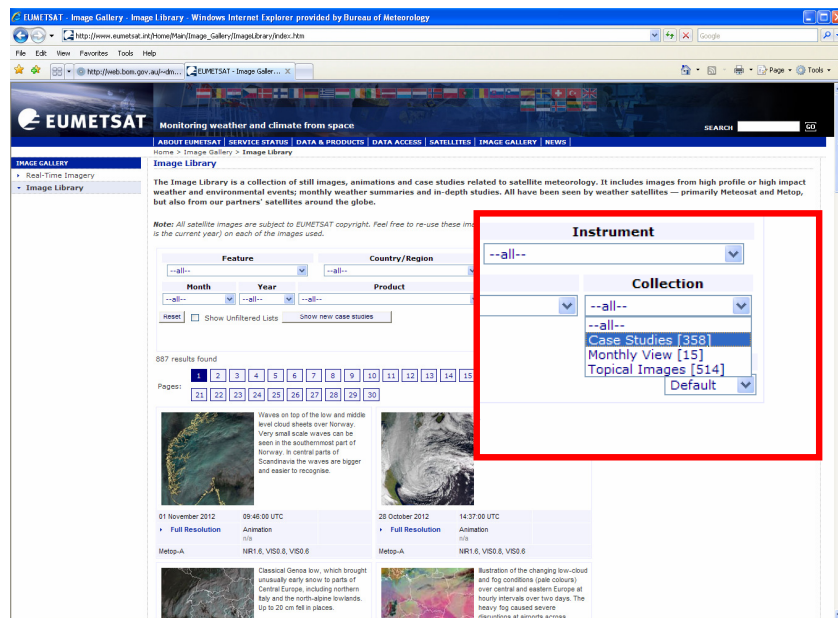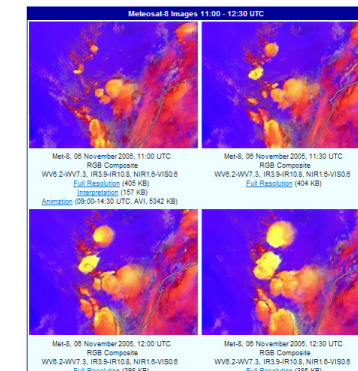Bureau of Meteorology

http://oeb-sat-xband/sat/

EUMETSAT case studies
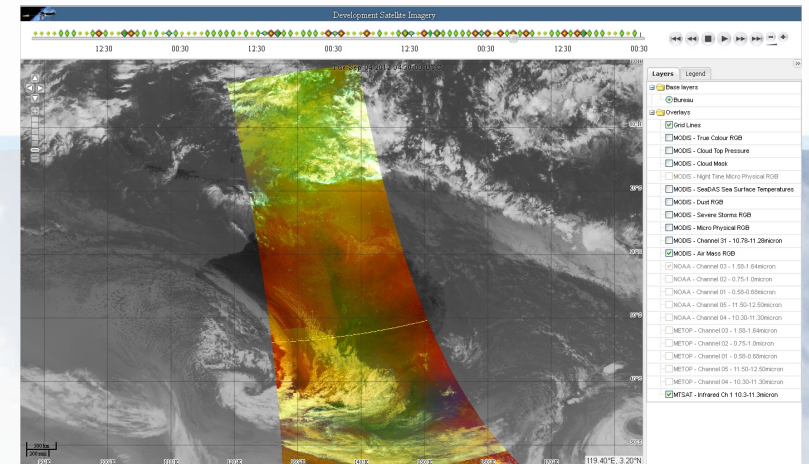
from http://www.eumetsat.int/Home/index.htm

Severe weather over South Africa and Botswana (6 November 2005)

by Estelle de Coning (South African Weather Service) and Jochen Kerkmann (EUMETSAT)

Case studies within JMA Himawari Image Gallery

from http://mscweb.kishou.go.jp/gallery/index_gallery_e.htm
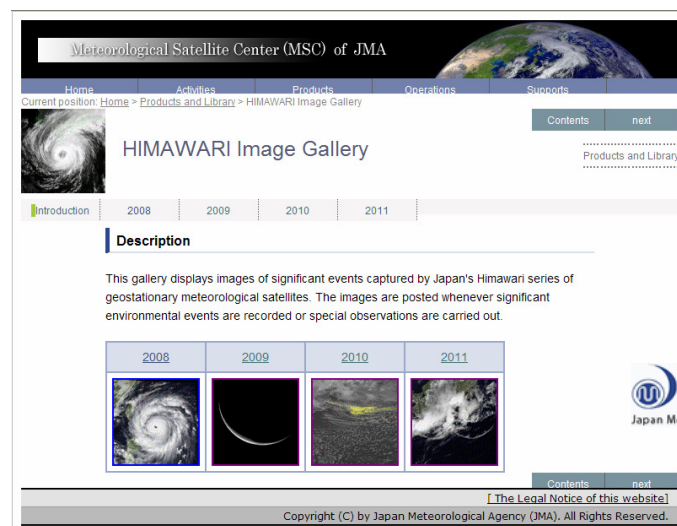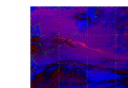
JMA's Himawari Image Gallery examples

Red dust storm in Australia (23 September, 2009)
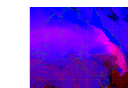
A strong storm of dust (referred to as red dust) blew from inland parts of the Australian continent toward the east coast. Red dust is -

GIF Image [150 KB]、 Animation [about 162 KBytes per image]

Volcanic ash plume from Sarychev Peak in the Kuril Islands (14 - 15 June, 2009)

The eruption of Sarychev Peak in the Kuril Islands produced a volcanic ash plume extending eastward and westward. The plume is shown in -

GIF Image [93 KB]、 Animation [about 90 KBytes per image]

Volcanic ash from Mt. Asama (1 February, 2009)

The eruption of Mt. Asama (located 140 km from Tokyo) caused volcanic ash to drift southeastward and pass over the Tokyo -

PNG Image [29 KB]、 Animation [about 25 KBytes per image]

from http://mscweb.kishou.go.jp/gallery/index_gallery_e.htm

from http://www.virtuallab.bom.gov.au/

http://www.meted.ucar.edu/npoess/multispectral_topics/rgb/